
ROBERTSON COUNTY

(Robertson County Water Service Area Map)

- Estimated 1999 population of 2,160--60% on public water
- Estimated 2020 population of 2,030--76% on public water
- 100 miles of water lines, with plans for 23 additional miles
- Estimated funding needs for public water 2000-2005: \$1,000,000
- Estimated funding needs for public water 2006-2020: \$0

Robertson County had an estimated population of 2,162 (935 households) in 1999 with a projected population of 2,027 (931 households) in 2020. Public water is provided to about 60% percent of the county's residents. In areas of the county not served by public water, about 1/5 of the households rely on private domestic wells and 4/5 of the households rely on hauled water, cisterns and other sources. About 149 customers will be added to public water service through new line extensions in 2000-2020.

Robertson County is served by two water systems: Buffalo Trail Water Association and Mt. Olivet Utilities. Buffalo Trail Water Association gets its water from the Western Fleming Water Treatment Plant. Buffalo Trail Water retains part ownership in the Western Fleming plant. Buffalo Trail also sells water to Mt. Olivet. As was stated in Mason County's section, Buffalo Trail Water has identified approximately 23 miles of waterline as a short-term project. Also 70 households located in Robertson County were identified as not feasible for conventional water line extensions.

Mt. Olivet buys all of its water from Buffalo Trail. Mt. Olivet currently serves the entire city limits and some households slightly outside the City. The City has not identified any new households to be served.

Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
ROBERTSON								-
Buffalo Trail Water Association	23.2	149	1,000					1,000
ROBERTSON TOTAL	23.2	149	1,000					1,000

WATER SERVICE AREAS

ROBERTSON COUNTY

Kentucky

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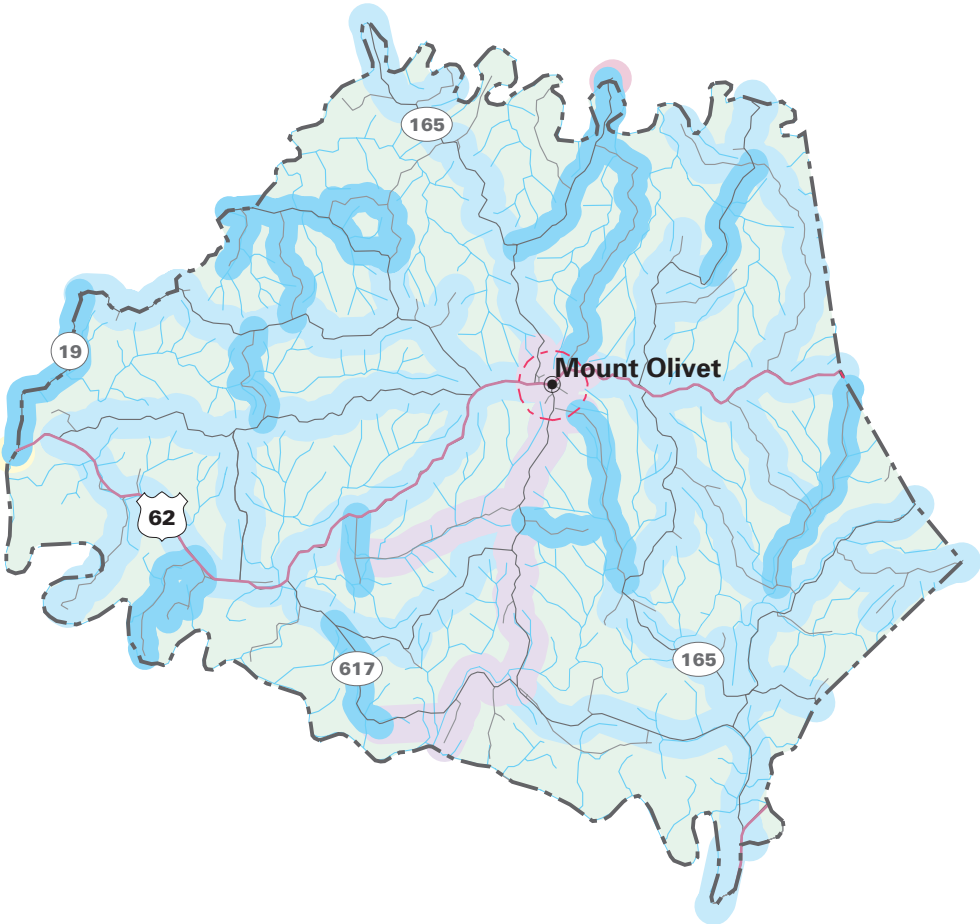
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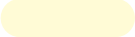
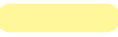
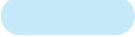



Data Collection & GIS Input By:
Kentucky Area Development Districts



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WATER SERVICE STATUS BY OWNER

EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		MOUNT OLIVET WATER DEPARTMENT
		HARRISON COUNTY WATER ASSOCIATION
		BUFFALO TRAIL WATER ASSOCIATION
		BRACKEN COUNTY WATER DISTRICT

PUBLIC WATER SYSTEMS

Robertson County is served by two water systems: Buffalo Trail Water Association and Mt. Olivet Utilities.

MOUNT OLIVET WATER DEPARTMENT

PWSID: 1010297
System Type:..... COMMUNITY
Owner Type: MUNICIPAL
Surface Source:..... LICKING RIVER
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 0.20
Percent Daily Average Production:..... 0.00
Total Tank Storage Capacity (gallons): 100,000.00
Total Service Connections: 270.00
Number of Employees:..... 2.50
Treatment Operator Class: 1D
Distribution Operator Class:..... 2A
Customer Rate for 1,000 Gallons:..... Not available
O/M costs 1997: Not available
O/M costs per Service Connection: Not available
Net Revenue 1997: Not available
Total Water Produced 1997 (gallons): Not available
Water Sold 1997 (gallons): Not available
Unaccounted-for Water 1997 (%): Not available

Mt. Olivet Water Department is located in Robertson County. Mt. Olivet buys all of its water from Buffalo Trail. Mt. Olivet currently serves the entire city limits and some households slightly outside the City. The City has not identified any new households to be served.

BUFFALO TRAIL WATER ASSOCIATION

The Buffalo Trail Water Association serves most of Robertson County. The system has 550 service connections. Water is purchased from Western Fleming Water District.

Buffalo Trail Water retains part ownership in the Western Fleming plant. Buffalo Trail also sells water to Mt. Olivet. As was stated in Mason County's section, Buffalo Trail Water has identified approximately 23 miles of waterline as a short-term project. Also 70 households located in Robertson County were identified as not feasible for conventional water line extensions.

PRIVATE DOMESTIC SYSTEMS

About 870 residents of Robertson County rely on private domestic water supplies: about 170 on wells and 700 on other sources.

In the Licking River valley most drilled wells will produce enough water for a domestic supply at depths of less than 100 feet. Wells located in the major creek valleys will produce enough water for a domestic supply except during dry weather. In the upland areas of Robinson County, which encompasses 90% of the county, most drilled wells will not produce enough water for a dependable domestic supply except along drainage lines that may produce enough water except during dry weather.

Throughout the county ground water is hard or very hard and may contain salt or hydrogen sulfide, especially at depths greater than 100 feet.
